FAX NO.

PATENT TH1985

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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(9/841,284 Application No.: April 24, 2001 Filing Date: Inventors: Vinegaret al. IN SITU THERMAL Title:

> PROCESSING OF A COAL FORMATION TO INCREASE PERMEABILITY/POROSITY OF THE FORMATION

Examiner:

G. A. Suchfield

Group/Art Unit:

3672

Atty. Dkt. No.:

5659-06000/EBM

CERTIFICATE OF FACSIMILE PILING

TRANSMISSION:

I hereby certify that this corresponding factionic to the United States Par No. (703) 305-7681

TERMINAL DISCLAUMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicant is the owner of all rights in the captioned patent application. Applicant certifies 1. that it is the assignee of the entire right, title and interest in the captioned patent application by 09/02/2003 EHARRIS 00000002 191800 09841284 virtue of an assignment from the inventors of the captioned patent application, the assignment 01 FC:1814 110.00 DA recorded with the Patent and Trademark Office at Reel 012609, Frame 0193.

- Applicant is the owner of all rights in U.S. Patent Application No. 09/841,000. Applicant 2. certifies that it is the assignce of the entire right, title and interest in U.S. Patent Application No. 09/841,000 by virtue of an assignment from the inventors of the patent application, the assignment recorded with the Patent and Trademark Office at Reel 012589, Frame 0229.
- As sole owner in the captioned patent application, Applicant hereby disclaims, except as 3. provided below, the termical part of the statutory term of any patent granted on the captioned patent

application which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. §154 to §156 and § .73, as presently shortened by any terminal disclaimer, of any patent granted on U.S. Patent Application No. 09/841,000.

- 4. Applicant hereby agrees that any patent granted on the captioned patent application shall be enforceable only for and during such period that the patent and any patent granted on U.S. Patent Application No. 09/841,000 are commonly owned. This agreement runs with any patent granted on the captioned patent application and is binding upon the grantee of such patent, and its or his successors or assigns.
- 5. In making the above disclaimer, Applicant does not disclaim the terminal part of any patent granted on the captioned patent application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §154 to §156 and §173 of a patent granted on U.S. Patent Application No. 09/841,000, as presently shortened by any terminal disclaimer, in the event that the patent granted on U.S. Patent Application No. 09/841,000 later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. §1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

6. A fee authorization for the required fee is attached.

OFFEUR

Βv:

Del S. Christensen

Senior Counsel for Shell Oil Company

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Date: May 1, 2003

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